

## BRILLIANT FORGOTTEN IN SIGHT OF CAPITOL

Treasure Hunter Reopens Old  
Maryland Workings Abandoned  
After Civil War.

(Continued from First Page.)

The 'real mountains' he had penetrated the wilderness of the 'Caucasian range' in search of minerals. The mountains of Arabia knew the trail of his outfit. The winners of Nome and Point Barrow had been and stayed him in the days before the Ninety-Eight Rush, and he was the man who opened the rich diamond fields of South Africa and Kimberly.

### Native of Turkey But Now Westerner

By birth and lineage he is a Turk. Yet having lived for years among western peoples, he has acquired the air and bearing of an American business man, and only in the deep ten of his face, and in the record he has made as a gold seeker can one guess the story of his wanderings.

The "gold fields" of Montgomery county caught and held his professional interest. He came and looked over the "free" gold had been washed from time to time, in greater or less quantities, from the old Ford farm.

He knew that even the "free" gold, the red men who peopled this stretch of one-time wilderness had prized, gazed upon, and then they occasionally found it. And then he was told the old-fashioned story in that section of the rediscovery, in comparison with the recent years of the Maryland deposits, by an old California miner.

### Aladdin-Work of Building Mine Camp Begins

The old Ford homestead, he metamorphosed into the headquarters of the mine. In the parlor of the old house today stand drafting tables littered with blueprints, samples of ore, and surveying paraphernalia. Across the hall, in the dining room, is the long table where, at during meal times, the engineers who are assisting Mr. Hassan on his project gather. The rooms upstairs have been turned into a dormitory for the engineers.

Then began the Aladdin work of building the mine camp, and a few weeks after Mr. Hassan took hold—he as man who wants everything done as quickly as possible—the physical face of the quiet old farm began to change.

Back in the woods, across the old Ford meadow, and near the mouth of an abandoned shaft which had in years gone been sunk by some one of the more enterprising gold seekers, on the tract, he established his surveying office. The office he equipped with a chemical furnace, a weighing room, and a laboratory, through which he can keep a check upon the values disclosed by diamond drill borings, and the character of the geological formation through which the drills are passing.

A ravine behind the assay laboratory he built a bunk house and mess hall, in which the 100 men who are now working the mine are housed and fed by a contracting company.

### Might Have Been Lifted From A Bret Harte Story

Far away on a hillside remote from both commissary and assay laboratory he constructed a cellar for the storage of explosives, which are often necessary in clearing ground or heavy timber in exploration work of the character Mr. Hassan is carrying on.

Against the backdrop of rocky ledge, shale dump, winding paths, and rough barked pine trees, the "work" of the Great Falls Mine of Maryland, with the skeleton derrick rising stark against the sky over the old shaft, might have been lifted bodily from the pages of Bret Harte's "Miles" or "Poker Flat."

But the men who came to tenant the "works" were nothing like those other miners of olden years, who, redoubtable and thigh-booted, swagger and stalk through the pages of the early Western novel. Nor had they anything in common with that other mining breed, the sun-baked and wind-hardened "Desert Rat" prospector of the later Southwest.

One hundred strong the men of the Great Falls mine came. Well-to-do, quick and shrewd many of them were, the sort of men who are every day making possible the thousands of modern engineering jobs.

And the assistant engineers in charge of them were men of a different type, men in high-laced boots, corduroy and khaki, with the stamp of special training upon them.

### Strangely Little of the Old-Time Excitement

With strangely little of the excitement which usually attends the world-old quest for gold, the men of the Great Falls Mine set themselves to the work which Mining Engineer Hassan laid down for them.

The work was undertaken along strictly scientific lines. Nothing has been left to haphazard.

The old Ford farm, which had been plowed by rifle ball and shrapnel during the civil war, and by the prosaic plow in later years, was trenched here and there with the implement of scientific surface exploration, until today it looks like a vast series of entrenchments ready for the occupancy of bellicent armies.

Generally east and west the main trenches were run, varying in depth from two feet to fifteen feet, down to "bedrock." Whenever a ledge cutting across these trenches has been uncovered, it has been followed until now more than 16,000 feet of these trenches have cut the old Ford farm into a vast checkerboard.

### Corps of Real "Hard Rock" Men Brought to the Mine

A systematic survey is also being made at this time of the other tracts acquired in addition to the Ford farm, and whenever a ledge is discovered which looks at all promising, its location is noted for future careful exploration.

In the meantime a corps of real "hard rock" men were brought to the Great

Falls Mine, and with them came that which is the great mystery of the past twenty years has been pushed through—the diamond drill.

Now the diamond drill to the mining engineer is about what a telescope is to an astronomer. It constitutes a means by which the man trained in mineral can tell, without expending shaft sinking, what lies hidden far beneath the surface.

And it is just what its name implies—a drill pointed with a black diamond which is more valuable even than the white ones, and no quartz ledge has ever yet been found which would reveal its advances.

### A Thousand or More Feet Below the Surface

The diamond drills which are running at the Great Falls Mine are housed in shafts, outside of which heavy timber "shears" rise to support the drill shafting. Portable steam boilers supply power to the drills.

But little of the drill, save the propelling machinery, however, can be seen and this comprises only the gear and a few feet of metal shafting which disappears through a hole in the floor of the shaft.

The drill itself, with its diamond point, as in the case of one boring at the Great Falls Mine, is eating its way downward a hole about an inch and a half in diameter, and averages about fifteen feet a day, running full twenty-four hours, with several shifts of engineers.

### Diamond Drill Tells What Is Under Surface

The diamond drill, however, tells the story of its subterranean wanderings as plainly as if the trained engineer could see its every revolution.

Water is continuously forced into the boring, and brings to the surface the tiny particles of rock and minerals flung aside by the grinding, whirling nose of the drill.

The overflow from the boring is run off through a sluice, which catches the sediment. By collecting this sediment from the sluice, say once in every twenty-four hours, the chemist can, by analysis, determine the character of the rock at any depth.

Perhaps the most important member of the "diamond drill outfit" at the Great Falls Mine is the drill setter. Familiarly, he is known as a "Tiffny," and the little shack which he and his workmen occupy behind the chemical laboratory is referred to as the "Jewelry Shop." There the drill setter, who in his line, prepares the diamond points for the drills, and resets those which have become blunted through use.

The Great Falls Mine of Maryland properties, which have taken in some of the old mines in the Great Falls region, are, in the opinion of the Geological Survey, a part of the Southern Appalachian deposits, which crop out most frequently in North Carolina and Virginia, and having been located and operated in the latter State in Fauquier, Stafford, Culpeper, Spotsylvania, Orange, Loudoun, and other counties.

### History of Montgomery Deposits Uncertain

The early history of the Montgomery deposits is, however, more or less uncertain, although from time to time records have been made which show them to have been known since pre-Colonial times, and Prof. William B. Rogers, in his "Geology of the Virginia," as early as 1858, devoted considerable space to the gold-bearing belt of that State, which the Geological Survey believes might well be applicable to the Montgomery county mines.

About the time of the beginning of the civil war, however, the old gold deposits which are now being worked by the Great Falls Mine of Maryland, were rediscovered.

The story runs that a California regiment camped on a tract near the old Ford farm, and one of the volunteers, who had been a "free-miner" in the early California days, picked up a bit of quartz in which he recognized a deposit of gold.

He communicated his discovery to his companions, and while they were in camp many idle hours were whiled away washing out free gold, and small nuggets in improvised gold pans.

When the regiment marched on to the front, the Californians declared to residents of the section that they would return after the war, and the tide of conflict which raged during the years that followed apparently engulfed them, for they never returned.

Shifty after that, some miners who had come from other deposits, settled on the Ford tract, and there built a rude log cabin, washing gold from the surface soil and from shallow pits. But they did not remain long, although their cabin is still standing, and is preserved by the Great Falls Mine people, as an interesting landmark.

### Sampler Still Uses Old-Fashioned Pan

In that cabin today sits a gold panner, two generations removed from those other miners who had occupied the little log house. And in spite of the passage of time, with its manifold developments in mining processes, he still uses the old-fashioned pan. He is the old miner who is sampling the surface deposits for the mine.

One of the first of the later day records of gold in Montgomery county is found in a report made before a meeting of the American Institute of Mining Engineers by S. F. Emmons, of the Geological Survey, in this city in February, 1898.

"On the north side of the Potomac in Maryland (the location of the Montgomery county Great Falls Mine does not appear to have been much sought for. The only record of its discovery in the early days which I can find is in the report of the American Philosophical Society for April, 1890, where mention is made of the occurrence of veins of gold in the American gold mine of Samuel Elliott, in Montgomery county, thirty miles west of Baltimore, three specimens of which were sent to the Society, and are now in its possession."

Mr. Emmons' report continues: "To what extent the numerous quartz veins in the immediate vicinity of Washington are gold bearing is as yet undetermined, what little prospecting is being done is carried on by geological methods, and the stream beds and soil. It is known, however, that some contain appreciable quantities of gold."

"The principal developments of gold:

Generally east and west the main trenches were run, varying in depth from two feet to fifteen feet, down to "bedrock." Whenever a ledge cutting across these trenches has been uncovered, it has been followed until now more than 16,000 feet of these trenches have cut the old Ford farm into a vast checkerboard.

From each of the ledges samples are taken, placed in canvas sacks, carefully labeled, and turned over to an old miner, who, with an old-time "gold pan," washes part of the samples, after they have been crushed, and notes the results. Half each sample, however, is reserved for Mr. Hassan, who, himself no amateur with the gold pan, keeps a check upon the findings of the miner.

### Corps of Real "Hard Rock" Men Brought to the Mine

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however, have been made in the neighborhood of Mount Airy, and about sixteen miles west of the city. "Some twelve or fifteen years since" (before 1899) "a mine was started in this region on a ledge of the Rock Run, a small stream which empties into the Potomac from the north, just below Great Falls."

"This was known as the Montgomery mine. On its grounds now stand a ten-stamp mill, hoisting engine, boilers, two plans and settlers, a reverberatory furnace, and a shaft with a considerable dump."

"Recently a new organization called the Potomac Mining Company has been formed, and some new shafts sunk on the vein."

"Mr. A. B. Russ, president of the present company, informs me that he holds mining rights to nearly 8,000 worth of gold taken out by the old company, mainly from the bed of the stream which runs through the mine, and I have seen many (the Russ gets weighing up to three or four ounces which are said to have been obtained from it."

### Maryland Mine Opened in 1867

Mr. Emmons states that another, called the Maryland Mine, existed at that time, said to have been opened as early as 1867. This, he says, was situated a short distance north of the Conduit road, about half way between Great Falls and the farm of a Mr. Harrison, which lay about a mile south of the Montgomery mine.

On the Harrison farm, according to Mr. Emmons, a Georgia miner named Kirk prospected quite fully and later, when the property was controlled by a Dr. W. Kemper, was running from \$10 to \$20 a ton was found. Later several shafts were sunk on the property.

He mentions the Allerton-Ream property on the east bank of the Potomac, above Great Falls, where extensive prospecting was done, and the Harrison farm, a tract distinct from the old Harrison farm, lying about two miles east of the Allerton-Ream property.

Describing the Harrison group, Emmons mentions that the group lay a mile north of the Conduit road, which was "largely macadamized with gold quartz from adjoining farms, some of which is said to assay as high as \$10 a ton."

On the Harrison group several veins were found from time to time, uncovered, among them the Fine Hill vein, which has yielded \$10 to \$15 a ton; the Broad Rock vein, \$12.50 a ton; the Eagle vein, \$11 a ton; the Brown vein, and the Iron vein, \$10 a ton, and the Iron vein, \$10 a ton.

### PRINCETON TO HAVE A MILITARY COURSE

Lectures on War Training Will be  
Given Once a Week—Wood  
One of Speakers.

PRINCETON, N. J., Feb. 12.—As a result of the nationwide agitation for preparedness, a lecture course in the fundamentals of military training will be given in Princeton University during the coming term.

The objects of the lectures will be to explain to the students some of the principles of modern war and to serve as an introduction to the work of the student camps which have been held during the last three summers. The lectures will be given by officers of the regular army, who will be sent from Governor's Island for that purpose.

In connection with the lectures three tactical walks will be held in the spring, under the direction of an army officer. Attendance at the lectures and at the walks will be voluntary.

On February 25, Major General Wood will address the students on the subject of preparedness. The subjects and speakers at the other lectures, which will be given once a week, have not been announced.

### Just Like a Man.

Hub—Well, it takes two to make a quarrel, so I'll shut up.

Wife—That's just like a contemptible man. You'll sit there and think mean things.—Exchange.

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Shop here tomorrow if you are interested in getting the newest things for spring wear at wonderfully attractive prices. Everything new, fresh, and fashionable.

### New Dress Skirts

60 All-wool Dress Skirts, black, navy and mixtures; usually \$1.98

Ladies' All-wool Poplin Skirts, navy and black; all sizes; usually \$5. Special at \$2.98

All-wool Panama Cloth Skirts, navy and black; all sizes; usually \$5. Special at \$3.98

Extra Size Dress Skirts, serge and poplin; navy and black; usually \$4.50 and \$5.90. Special at \$4.98 and \$5.98

Ladies' All-wool Black and White Check Skirts, latest styles; all sizes; usually \$5. Special at \$3.98

Ladies' All-wool Skirts, in novelty plaids and checks; usually \$5.90. Special at \$4.98

Silk Effect Corduroy and Gaining Skirts, in rose and all pastel shades; usually \$5.90. Special at \$4.98

Fine Black Taffeta Skirts, very stylish; all sizes; usually \$7.50. Special at \$5.98

### New Waists

New spring line of Linerette Waists, plain and fancy models; white and colors; all sizes; usual \$4 quality. Special at \$3.98

\$3.98 Silk Waists, \$3.98

\$3.98 Crepe de Chine Waists, \$3.98

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## SPEAKER CLARK TO HONOR MAINE DEAD

Will Make Principal Oration at  
Exercises at Fort Myer  
Tuesday Afternoon.

Speaker Clark will deliver the principal oration at the Maine memorial exercises commemorating the eightieth anniversary of the destruction of the battleship Maine in Havana harbor, in the riding hall at Fort Myer, Tuesday at 2 p.m.

He will also be made by Dr. Carlos Manuel de Guesped, Cuban minister to the United States; U. H. Blagden, senior, and a battalion of marines, and the G. A. R. Barratt O'Hara, Lieutenant Governor of Illinois, and Congressman Thomas S. Crage, past commander-in-chief of the Veterans of Foreign Wars. The exercises, which will be public, will be under the direction of the United States War Veterans, with Capt. Daniel V. Chisholm, past department commander of the organization, acting as master of ceremonies.

Secretary Daniels has detailed detachments of sailors from the Dolphin and Mayflower, and a battalion of marines, from a battery to be present. The troops at Fort Myer will also participate.

The Maine Memorial shaft will be decorated with flags and flowers by the women's committee. President Wilson will send two floral wreaths.

The following committee of the Spanish War Veterans and the ladies' auxiliaries are in charge of arrangements: Executive committee—William L. Matlock, chairman; Admiral Charles D. Sigbee, Samuel G. Mason, James E. Maynard, H. C. Wilson, J. W. Harrison, H. B. Harris, and William T. Herritage.

Master of ceremonies—Capt. Daniel V. Chisholm.

Executive committee—William T. Herritage, chairman; J. Q. A. Braden, Charles J. P. Weber, H. B. Coulter, John Murphy, J. E. Wilson, J. W. Harrison, and John A. Gallacher.

Ladies' Auxiliary, U. S. W. V.—Mrs. Jennie P. Rudloff, chairman; Mrs. Cora M. Campbell, Mrs. J. E. Wilson, Mrs. Norman Albert, Mrs. W. Dowling, and Mrs. Lina Society of the Spanish War.

Mrs. Lena Rayerman, chairman; Mrs. Catherine Wood, Mrs. Augusta Lange, Mrs. Walter Lawson, and Mrs. Charles Clarke.

## "77"

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To get the best results, take "Seventy-seven" at the first chill or shiver.

If you wait until you begin to cough and sneeze, have sore throat and influenza, it may take longer.

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## Buyers' Eclipse Sale